



STAFF REPORT

Meeting Type: Board of Directors

Title: Award of Contract No. 2008 - Bon Tempe Treatment Plant Backwash Valves Replacement Project (D23008) to Corcus Construction, Inc.

From: Alex Anaya, Director of Engineering

Through: Ben Horenstein, General Manager

Meeting Date: October 21, 2025

TYPE OF ITEM: X Action Information

RECOMMENDATION: Approve a resolution authorizing award of Contract No. 2008, Bon Tempe Treatment Plant - Backwash Valves Replacement Project, to Corcus Construction, Inc. in the amount of \$548,500

SUMMARY: This item was reviewed by the District Planning Committee on September 23, 2025 for review and comment. The Bon Tempe Treatment Plant - Backwash Valves Replacement Project will include furnishing labor, materials and equipment for the installation of 24-inch and 8-inch welded steel pipe, valves, associated electrical components, and appurtenances at the Bon Tempe Treatment Plant.

DISCUSSION: The Bon Tempe Treatment Plant - Backwash Valves Replacement Project (Project) is a component of the District's Capital Improvement Program. The Bon Tempe Treatment Plant, with the capacity of 20 million gallons per day was constructed in 1959. The backwash system is a vital component in the treatment process as it allows water to flow by gravity from the wash water storage tank through the plant's four filter beds in order to clean the filters. The backwash process agitates dirt and debris particles that have accumulated onto the filter media during the water treatment process. Once the backwash is complete, the backwash water is drained from the system into the holding pond. An uncleaned filter bed results in restricted flow through the filter media and through the plant, reducing the overall capacity of the plant. The backwash process cleans the filters which allows for optimized flow of water through the plant filter beds.

The existing five 24-inch backwash control valves, which control the flow of water from the wash water storage tank into the filters for backwashing, are at the end of their useful life and are due for replacement.

This proposed project will address the deteriorating condition of the existing backwash system by replacing existing backwash valves, select pipe, and associated appurtenances. The primary backwash

control valve will be relocated into a new vault on the exterior of the plant for ease of maintenance. A new 24-inch isolation valve and 8-inch bypass pipeline will be installed upstream of the new primary backwash control valve for redundancy and to allow filter maintenance without a complete plant shutdown.

The replacement and installation of the new backwash valves and bypass will ensure proper functionality of the Bon Tempe Treatment Plant backwash system while enhancing the operational reliability of the water treatment infrastructure.

On October 9, 2025, the District received and opened four (4) bids, as shown in Table 1, for the Bon Tempe Treatment Plant - Backwash Valves Replacement. Corcus Construction, Inc. submitted the lowest responsive and responsible bid in the amount of \$548,500. Staff recommends that the Board of Directors approve a resolution awarding Contract No. 2008 to Corcus Construction, Inc. in the amount of \$548,500 and authorize the General Manager to execute any necessary amendments to Contract No. 2008, which do not exceed \$110,000.

Table 1
Bid Results
Bon Tempe Treatment Plant Backwash Valves Replacement Project

Bid Rank	Contractor Name	Bid Amount
1.	Corcus Construction, Inc.	\$ 548,500
2.	Valentine Corporation	\$ 617,369
3.	W. R. Forde Associates, Inc.	\$ 696,000
4.	Pacific Infrastructure	\$ 878,000

Engineer's Estimate: \$530,000

Summaries of the estimated project costs and schedule are provided below.

Budget:

Contract Award:	\$ 548,500
Contingency (20%):	\$ 110,000
Professional Services:	\$ 42,460
Materials:	\$ 175,000
District Labor/Inspection:	\$ 325,000
Total Budget:	\$ 1,200,960
Budget Category:	A1A04

Project Implementation:

Project Advertisement	September 16, 2025
Bid Opening:	October 9, 2025
Project Award:	October 21, 2025
Estimated Completion Date:	April 30, 2026
Duration:	191 days

ENVIRONMENTAL REVIEW: The Director of Engineering has found that the Project is Categorically Exempt pursuant to California Environmental Quality Act (CEQA) Guideline Section 15302 (c), Replacement or Reconstruction. The project qualifies for exemption pursuant of to Section 15302 (c) inasmuch as it includes the replacement of existing valves and water pipeline involving negligible or no expansion of capacity.

FISCAL IMPACT: The total cost to complete the Bon Tempe Treatment Plant- Backwash Valves Replacement Project is estimated at \$1,200,960, inclusive of District Labor and contingencies. Funding for this project is included in the Capital Improvement Budget (FY 2026).

ATTACHMENT(S):

1. Proposed Resolution
2. Site Map
3. Draft Notice of Exemption

DEPARTMENT OR DIVISION	DIVISION MANAGER	APPROVED
Engineering	 Alex Anaya Engineering Director	 Ben Horenstein General Manager